

Patentnumber: JP62070318

Abstract

PURPOSE:To provide the titled agent exhibiting excellent hemostatic and wound- protecting activities and containing sodium polyacrylate powder having a specific average particle diameter.

CONSTITUTION:The objective hemostatic and wound-protecting agent can be produced by mixing (A) powder of sodium polyacrylate having an average particle diameter of $\leq 140\mu\text{m}$, preferably $30\text{--}300\mu\text{m}$ (PANA which may be partially crosslinked. The average molecular weight of the polymer is $\geq 500,000$, preferably $\geq 1,500,000$ and a substitution degree of sodium is 20-100%, preferably 40-100%) and (B) a medicine useful for hemostasis and the remedy of wound (e.g. an antibacterial agent such as tetracycline, an anti-inflammatory agent such as sulpyrine, local anesthetic such as lidocaine hydrochloride) to (C) a substrate for external use. The amount of the component B is 0.01-6% for antibacterial agent, 1-40% for anti-inflammatory agent and 0.01-4% for local anesthetic based on the whole drug preparation. The agent may be added further with a water-soluble natural polymer such as collagen, gelatin, etc.